

NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
 NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in  
 September 2003  
 NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in  
 September 2003  
 NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in  
 September 2003  
 NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in  
 September 2003  
 NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE  
 NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL  
 NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
 Truncation  
 NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
 specific topic.

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FILE 'HOME' ENTERED AT 09:32:31 ON 11 SEP 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:32:37 ON 11 SEP 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 9 SEP 2003 HIGHEST RN 582289-61-0

DICTIONARY FILE UPDATES: 9 SEP 2003 HIGHEST RN 582289-61-0

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
 PROPERTIES for more information. See STNote 27, Searching Properties  
 in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> e inosose

E1	1	INOSOLINE/BI
E2	2	INOSOS/BI
E3	392 -->	INOSOSE/BI
E4	1	INOSPHAIRA/BI
E5	5	INOSPIRO/BI
E6	5	INOSPIROSIDE/BI
E7	1	INOSPOR/BI
E8	2	INOSPOR/BI
E9	1	INOSPORAMIDE/BI
E10	1	INOSSR206/BI
E11	1	INOSTA/BI
E12	1	INOSTAMYCIN/BI

=> e epi-inosose/cn

E13	1	EPI-INOSITOL-2-D, 2-DEOXY-1,3,5-O-PENTYLIDYNE-, (2.XI.)-/CN
E14	1	EPI-INOSITOL-6-C-D/CN
E15	0 -->	EPI-INOSOSE/CN
E16	1	EPI-INOSOSE, (4-NITROPHENYL)HYDRAZONE/CN
E17	1	EPI-INOTODIOL/CN
E18	1	EPI-ISOCOSTUNOLIDE/CN
E19	1	EPI-ISODASYCARPIDONE/CN
E20	1	EPI-ISOFENCHONE/CN
E21	1	EPI-ISOFENCHYL ALCOHOL/CN
E22	1	EPI-ISOLACTARORUFIN/CN
E23	1	EPI-JESTERONE/CN
E24	1	EPI-JURUENOLIDE D/CN

=> e scyllo-inosose/cn

E25	1	SCYLLO-INOSITOL-1-C-T, 2,3,4,5,6-PENTAKIS-O-(PHENYLMETHYL)-/CN
E26	1	SCYLLO-INOSITOL-1-C-YL/CN
E27	1 -->	SCYLLO-INOSOSE/CN
E28	1	SCYLLO-MYO-INOSOSE/CN
E29	1	SCYLLO-PHOSPHATIDYLINOSITOL SYNTHASE/CN
E30	1	SCYLLO-QUERCITE/CN
E31	1	SCYLLO-QUERCITOL/CN
E32	1	SCYLLOINOSAMINE/CN
E33	1	SCYLLOINOSOSE/CN
E34	1	SCYMNOL/CN
E35	1	SCYMNOL 26-SULFATE/CN
E36	1	SCYMNOL 26-SULFATE AMMONIUM SALT/CN

=> d

ENTER NAME OF ITEM TO BE DISPLAYED OR (?) :end

=> s e27

L1 1 SCYLLO-INOSOSE/CN

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 488-64-2 REGISTRY

CN myo-2-Inosose (7CI, 9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Inosose, myo- (8CI)

CN myo-Inosose-2 (6CI)

OTHER NAMES:

CN keto-scyllo-Inositol

CN meso-2,3,4,5,6-Pentahydroxycyclohexanone

CN Myoinosose

CN NSC 55547

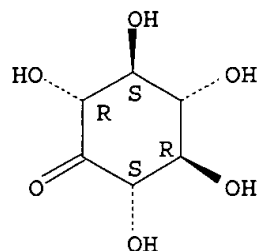
CN **scyllo-Inosose**

CN scyllo-myo-Inosose

CN Scylloinosose

FS STEREOSEARCH  
 DR 13309-55-2, 23327-66-4, 5618-72-4  
 MF C6 H10 O6  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS,  
 CASREACT, CHEMINFORMRX, CSCHEM, MEDLINE, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

60 REFERENCES IN FILE CA (1937 TO DATE)  
 60 REFERENCES IN FILE CAPLUS (1937 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> DIS HIST

(FILE 'HOME' ENTERED AT 09:32:31 ON 11 SEP 2003)

FILE 'REGISTRY' ENTERED AT 09:32:37 ON 11 SEP 2003

E INOSEO  
 E EPI-INOSEO/CN  
 E SCYLLO-INOSEO/CN

L1 1 S E27

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	7.90	8.11

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 09:35:53 ON 11 SEP 2003

5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS

AB Pseudomonas putida microbial oxidn. of benzene and singlet oxygen reaction of the resulting cis-cyclohexa-3,5-diene-1,2-diol have been used in the synthesis of four inositols (the muco, allo, epi and (.+-.)-chiro isomers) and of the 2-O-methyl-chiro-inositol, (.+-.)-quebrachitol.

AN 1994:54834 CAPLUS

DN 120:54834

TI Microbial oxidation of benzene as a route to inositol stereoisomers and (.+-.)-quebrachitol

AU Carless, Howard A. J.; Busia, K.; Oak, O. Z.

CS Dep. Chem., Birkbeck Coll., London, WC1H 0PP, UK

SO Synlett (1993), (9), 672-4

CODEN: SYNLES; ISSN: 0936-5214

DT Journal

LA Englis